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612.42948X00
4953/00/JC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Patrick LAILLY et al
Serial No.: 10/630,690
Filed: July 31, 2003
For: METHOD OF FORMING A MODEL
REPRESENTATIVE OF THE DISTRIBUTION
OF A PHYSICAL QUANTITY IN AN UNDERGROUND
ZONE, FREE OF THE EFFECT OF CORRELATED
NOISES CONTAINED IN EXPLORATION DATA
Art Unit: 2863
Examiner: Victor J. Taylor

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 25, 2005

Sir:

This is in response to the Office Action of March 25, 2005 pursuant to
Ex parte Quayle. Please amend the above-identified application as listed below and
as set forth on the following pages:

Amendments to the Specification and Abstract

Amendments to the Claims

Amendments to the Drawings describing changes to the drawings shown in
the Appendix

Remarks are included following the amendments

An Appendix including amended drawings figures is attached following the
Remarks.